

TABLE OF CONTENTS

FOREWORD	1
SYSADMIN OPTIONS.....	3
CHAPTER 1 SYSADMIN INTRODUCTION	5
1.1 THE JMCIS SYSTEM.....	6
1.1.1 INSTALLATION CONFIGURATIONS	6
1.1.2 JMCIS FUNCTIONALITY.....	7
1.2 ADDITIONAL SOURCES OF INFORMATION	7
CHAPTER 2 SYSTEM ENVIRONMENT	9
2.1 HARDWARE COMPONENTS	9
2.1.1 TAC-3/4 HARDWARE	9
2.1.2 RSC GRAY BOX COMPONENTS	10
2.1.3 SPARC 10/20 HARDWARE.....	10
2.2 MULTI-MONITOR CONFIGURATIONS.....	11
2.3 THE JMCIS OPERATING SYSTEM (OS)	12
CHAPTER 3 OPERATING GUIDELINES	15
3.1 POWER DOWN	15
3.2 POWER UP	15
3.3 DATABASE SIZE LIMITS	16
CHAPTER 4 SYSTEM ADMINISTRATION UTILITIES.....	21
4.1 SYSTEM MENU	21
4.1.1 FIND LAUNCH	22
4.1.2 STOP PROGRAM.....	22
4.1.3 PRINT SCREEN	23
4.1.4 SELECT PRINTER.....	24
4.1.5 SYSTEM STATUS.....	24
4.1.6 RESTART	25
4.1.7 POWER DOWN	25
4.1.8 CLOSE ALL	26

4.1.9 LOGOUT.....	26
4.2 HARDWARE MENU	26
4.2.1 SHUTDOWN SYSTEM	26

TABLE OF CONTENTS - Continued

4.2.2 REBOOT SYSTEM.....	26
4.2.3 DISK MANAGER.....	26
4.2.4 CONFIG PRINTER	28
4.3 SOFTWARE MENU	31
4.3.1 SEGMENT INSTALLER	32
4.3.2 INSTALLATION SERVER	36
4.3.3 ARCHIVE NET SERVER DATA.....	36
4.3.4 RESTORE NET SERVER DATA	37
4.3.5 ENABLE GENBROADCAST	37
4.3.6 DISABLE GENBROADCAST.....	37
4.3.7 ADDING A NEW NIS + CLIENT (SOLARIS ONLY).....	37
4.4 DATABASE MENU	39
4.4.1 ARCHIVE JMCIS DATA	40
4.4.2 RESTORE JMCIS DATA.....	41
4.4.3 CLEAN DATAFILES	42
4.4.4 TRACK DATABASE CONFIG.....	43
4.5 NETWORK MENU	45
4.5.1 CHANGE MACHINE ID	46
4.5.2 SET SYSTEM TIME.....	47
4.5.3 SET WAN UID	47
4.5.4 SET WAN DDN TIMEOUT	48
4.5.5 CONFIG DDN HOST TABLE.....	49
4.5.6 SET NIPS TDBM HOST	50
4.5.7 EDIT LOCAL HOSTS	52
4.5.7.1 ADD A MACHINE.....	54a
4.5.8 SYSTEM CONFIGURATION.....	54a
CHAPTER 5 COMMUNICATIONS.....	55
5.1 THE JMCIS NETWORK.....	55
5.2 INTERFACE DESCRIPTION	55
5.2.1 SERIAL INTERFACE: RS-232, RS 422, MIL-188	55

5.2.2 LAN INTERFACE: ETHERNET AND FIBER OPTIC CABLING	56
5.2.3 PROTOCOLS	56
5.3 PHYSICAL CONNECTIONS	56

TABLE OF CONTENTS - Continued

5.3.1 SERIAL.....	56
5.3.2 LAN.....	57
5.3.3 X.25	58
5.4 COMMUNICATION AND BROADCAST CONFIGURATION	58
5.4.1 STARTING COMMS CHANNELS.....	60
5.4.2 STARTING BROADCASTS.....	61
5.4.3 MESSAGE TRANSMISSION	61
5.4.4 MESSAGE AND BROADCAST HEADERS	62
5.5 STU III CONFIGURATION	62
5.5.1 PROCEDURES	63
5.5.2 CONFIGURING SPECIFIC STU-III MODELS.....	65
5.6 TROUBLESHOOTING COMMUNICATIONS PROBLEMS.....	66
5.6.1 HARDWARE PROBLEMS	66
5.6.2 SOFTWARE PROBLEMS	67
5.6.3 SPECIFIC CHANNELS AND INTERFACES	68
5.6.4 BROADCASTS	74
CHAPTER 6 ERROR RECOVERY	77
6.1 BASIC ERROR RECOVERY	77
6.2 PERFORMANCE TIPS.....	79
6.3 TROUBLESHOOTING MULTI-MONITORS.....	80
6.4 IDENTIFYING HARDWARE PROBLEMS.....	81
6.5 REPAIRING FILE SYSTEMS.....	81
6.6 TO REPORT A PROBLEM	81
SECMAN OPTIONS	83
CHAPTER 7: SECMAN INTRODUCTION	85
CHAPTER 8: SYSTEM MENU	87
8.1 SET MENU FONT	87
8.2 SYSTEM EXIT	88

CHAPTER 9: SECURITY MENU	91
9.1 AUDIT STATUS	91
9.1.1 ON/OFF BOX.....	92
9.1.2 GRANULARITY BOX.....	93

TABLE OF CONTENTS - Continued

9.1.3 LOG SIZES BOX.....	93
9.2 AUDIT LOG.....	93
9.3 OS AUDIT LOG.....	95
9.4 SECURITY ALERT LOG.....	96
9.5 ARCHIVE LOGS	98
CHAPTER 10: ACCOUNTS MENU	101
USER ACCOUNTS QUICK REFERENCE.....	101
10.1 VIEW ROLES	102
10.1.1 ADD ROLE	104
10.1.2 EDIT ROLE	105
10.1.2.1 ROLE HEADER Box.....	107
10.1.2.2 PERMISSIONS Box.....	107
10.1.2.3 MENU ACCESS Box.....	109
10.2 EXPORT ACCOUNTS AND ROLES.....	111
CHAPTER 11: PRINTING.....	115

TECHNICAL BULLETINS